

# LONG LIFE #1098801

## Aerosol Cutting & Tapping Fluid



### Features:

- Coolant lubricant for drills, taps, cutting tools
- Foaming oil clings to all cutting tools to prevent waste and over spraying
- Fluid is transparent providing better visibility of work area
- Can be removed with cold water or degreaser solvents
- Cools cutting tools for longer life
- Lubricates to penetrate surface and provides a continuous non-straining film and protects from corrosion



### Description:

LONG LIFE cutting and tapping fluid is a synthetic lubricant effective in punching, drilling, tapping, sawing, machining, cutting, boring, threading and grinding operations on all steels, titanium, monel and aluminum. Combines synthetic and natural lubricants for maximum high-pressure lubrication which will increase the cutting rate without overheating.

### Applications:

- Steel
- Titanium
- Aluminum
- Monel

### For Use On:

- Sawing Tools
- Boring Tools
- Tapping Tools
- Punching Tools
- Cutting Tools
- Grinding Tools
- Machining Tools

### Product Characteristics:

Appearance:	Not applicable
Odor:	Not applicable
Density:	8.80400 lb/gal
Density VOC:	0.00000 lb/gal
% VOC:	0.00000%
Solubility (water):	Not applicable
Flash Point:	176°F
pH:	Not applicable
Flammability(solid/gas):	Flash point at or above 100°F/38°C and less than 200°F/93°C
Storage:	Store in a well-ventilated place. Store locked up.
<b>Transport Information:</b>	
UN Number:	NA1993
Proper Shipping Name:	Combustible liquid, n.o.s. (Petroleum distillates)
Class:	Combustible liquid
Packing Group:	III

### Directions:

Shake can well before using. Spray moderate amount of foam on cutting tool. Re-spray often, to keep tools cool and well lubricated.

### Pictograms:



### Signal Word:

DANGER.

### Personal Protective Equipment Required:



### DOT Placard:

Not available.

### VOC Compliancy:

Not available.





# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1098801	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	LONG LIFE	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Aerosol Cutting & Tapping Fluid	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Aspiration Hazard - Category 1 Flammable Liquids - Category 4 Skin Irritation - Category 2 Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>		
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### HAZARDOUS STATEMENTS - Physical:

H227 - Combustible Liquid.

### HAZARDOUS STATEMENTS - Health:

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

### PRECAUTIONARY STATEMENTS:

**General:** P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

**Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P264 - Wash hands thoroughly after handling.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 - Use only outdoors or in a well-ventilated area.

P233 - Keep container tightly closed.

**Response:** P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P370 + P378 - In case of fire: Use water fog, dry chemical or carbon dioxide to extinguish.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 - If skin irritation occurs: Get medical attention.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTER or doctor if you feel unwell.

**Storage:** P403 + P405 - Store in a well-ventilated place. Store locked up.

**Disposal:** P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
ISOPARAFFINIC PETROLEUM DISTILLATE	64742-47-8	15% - 20%
Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.		

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

**SKIN:** Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

### INHALATION:

Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention. If exposed/feel unwell/concerned: Get medical attention.

### INGESTION:

Rinse mouth. Give two glasses of water. If you feel unwell or if concerned: Get medical advice/attention. Do NOT induce vomiting unless under the advice/direction of doctor/POISON CENTER. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

### FIRE-FIGHTING PROCEDURES:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

**SPECIAL PROTECTIVE ACTIONS:**  
Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

**6. Accidental Release Measures**

**EMERGENCY PROCEDURE:**  
Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. Pick up with mop or wet vac. Rinse spill area with water.

**RECOMMENDED EQUIPMENT:**  
Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

**PERSONAL PRECAUTIONS:**  
Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

**ENVIRONMENTAL PRECAUTIONS:**  
Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

**7. Handling and Storage**

**GENERAL:**  
Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas.

**VENTILATION REQUIREMENTS:**  
Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

**STORAGE ROOM REQUIREMENTS:**  
Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Store at temperatures between 40°F and 100°F.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. FOR USE BY TRAINED PERSONNEL ONLY. KEEP FROM FREEZING.

**8. Exposure Controls / Personal Protection**

**PERSONAL PROTECTIVE EQUIPMENT:**



**Eye/Face Protection:** Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

**Skin Protection:** Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

**APPROPRIATE ENGINEERING CONTROLS:**  
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m <sup>3</sup> )	OSHA STEL (ppm)	OSHA STEL (mg/m <sup>3</sup> )	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin Designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m <sup>3</sup> )
ISOPARAFFINIC PETROLEUM DISTILLATE	500	2000			1				

Chemical Name	NIOSH STEL (ppm)	NIOSH STEL (mg/m <sup>3</sup> )	NIOSH Carcinogen	ACGIH TWA (ppm)	ACGIH TWA (mg/m <sup>3</sup> )	ACGIH STEL (ppm)	ACGIH STEL (mg/m <sup>3</sup> )
ISOPARAFFINIC PETROLEUM DISTILLATE							

**9. Physical & Chemical Properties**

<b>Appearance:</b>	Not applicable.	<b>Flammability(solid/gas):</b>	Flash point at or above 100°F/38°C and less than 200°F/93°C
<b>Odor:</b>	Not applicable.	<b>Explosive Limit-Lower (%):</b>	Not applicable.
<b>Odor Threshold:</b>	Not applicable.	<b>Explosive Limit-Upper (%):</b>	Not applicable.
<b>pH:</b>	Not applicable.	<b>Vapor Density:</b>	Not applicable.
<b>Melting/Freezing Point:</b>	Not applicable.	<b>Vapor Pressure:</b>	Not applicable.
<b>Boiling Point/Range:</b>	Not applicable.	<b>Solubility (water):</b>	Not applicable.
<b>Viscosity:</b>	Not applicable.	<b>Auto-Ignition Temp:</b>	Not applicable.
<b>Flash Point:</b>	176°F	<b>Decomposition Temp:</b>	Not applicable.
<b>Density:</b>	8.80400 lb/gal	<b>VOC Composite Partial Pressure:</b>	Not applicable.

<b>Density VOC:</b>	0.00000 lb/gal	<b>Evaporation Rate:</b>	Not applicable.
<b>% VOC:</b>	0.00000%		

### 10. Stability & Reactivity Information

**STABILITY:**

Stable.

**CONDITIONS TO AVOID:**

None.

**INCOMPATIBLE MATERIALS:**

None known.

**HAZARDOUS REACTIONS/POLYMERIZATION:**

Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None known.

### 11. Toxicological Information

**SKIN CORROSION/IRRITATION:**

Causes skin irritation.

**SERIOUS EYE DAMAGE/IRRITATION:**

No data available.

**CARCINOGENICITY:**

No data available.

**GERM CELL MUTAGENICITY:**

No data available.

**REPRODUCTIVE TOXICITY:**

No data available.

**RESPIRATORY/SKIN SENSITIZATION:**

No data available.

**SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:**

May cause drowsiness or dizziness.

**SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:**

No data available.

**ASPIRATION HAZARD:**

May be fatal if swallowed and enters airways.

**ACUTE TOXICITY:**

No data available.

### 12. Ecological Information

**TOXICITY:**

No data available.

**PERSISTENCE AND DEGRADABILITY:**

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

**BIO-ACCUMULATIVE POTENTIAL:**

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Contains constituents with the potential to bio accumulate.

**MOBILITY IN SOIL:**

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

**OTHER ADVERSE EFFECTS:**

No data available.

### 13. Disposal Consideration

**WASTE DISPOSAL:**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

### 14. Transportation Information

**DOT: UN Number:** NA1993

**Proper Shipping Name:** Combustible liquid, n.o.s. (Petroleum distillates)

**Hazard Class:** Combustible liquid

**Packaging Group:** III

**Hazardous Substance (RQ):** No data available.

**Toxic-Inhalation Hazard:** No data available.

**Marine Pollutant:** No data available.

**Note / Special Provision:** No data available.

**IATA: UN Number:** NA1993

**Proper Shipping Name:** Combustible liquid, n.o.s. (Petroleum distillates)

**Hazard Class:** Combustible liquid

**Packaging Group:** III

**Note / Special Provision:** No data available.

**IMDG: UN Number:** NA1993

**Proper Shipping Name:** Combustible liquid, n.o.s. (Petroleum distillates)

**Hazard Class:** Combustible liquid

**Packaging Group:** III

**Marine Pollutant:** No data available.

**Note / Special Provision:** No data available.

## 15. Regulatory Information

CAS	Chemical Name	% By Weight	Regulation List
63449-39-8	CHLORINATED PARAFFINS	45% - 60%	SARA313, SARA312, TSCA
64742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	15% - 20%	SARA312, VOC, TSCA, OSHA

## 16. Other Information

### GLOSSARY:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94- 469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.



**LONG LIFE CUTTING & TAPPING FLUID**  
is a synthetic lubricant effective in punching, drilling, tapping, sawing, machining, cutting, boring, threading and grinding operations on all steels, titanium, monel and aluminum.

**LONG LIFE**  
INCREASES PRODUCTION AS WELL AS TOOL LIFE

RESULTS IN COOLER WORKPIECE WITH LESS TOOL BURNING

- Fluid is transparent providing better visibility of work area.
- Can be removed with cold water or degreaser solvents.
- Cools cutting tools for longer life.
- Lubricates to penetrate surface and provides a continuous non-staining film and protects from corrosion.

**DIRECTIONS:**  
Generously spray area to be worked. Reapply as necessary to keep work area cool and well lubricated. Can be removed with water or Solvent Degreaser.

**CAUTION:** Use with adequate ventilation. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

**KEEP OUT OF REACH OF CHILDREN**

See Safety Data Sheet for complete safety information.

**MODO DE USO:**  
Pulverizar generosamente las zonas a ser trabajadas. En caso de ser necesario, repetir la aplicación a fin de mantener la zona refrigerada y bien lubricada. Puede quitarse con agua o desengrasante de solventes.

**PRECAUCIÓN:** Utilizar con una ventilación adecuada. El uso indebido por concentración e inhalación del producto puede ser dañino o fatal.

**MANTENER FUERA DEL ALCANCE DE LOS NIÑOS**

Mire la hoja de datos de seguridad de para la información completa de seguridad.

Emergency Telephone:  
INFOTRAC 1-800-535-5035



An Exclusive Product Of:  
**PRO CHEM, INC.**  
1475 Bluegrass Lakes Parkway  
Apharetha, GA 30004  
Procheminc.com  
1-800-241-8180

Made in U.S.A. with globally sourced materials.  
VOC Content: 15%

#1098801



**LONG LIFE**

**CUTTING & TAPPING FLUID**

**COOLANT LUBRICANT FOR DRILLS, TAPS, CUTTING TOOLS**

**DANGER:** EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER MAY BURST IF HEATED. MAY CAUSE DROWSINESS OR DIZZINESS. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

**PELIGRO:** AEROSOL EXTREMADAMENTE INFLAMABLE. CONTIENE GAS A PRESIÓN, PUEDE REVENTAR SI SE CALIENTA. PUEDE PROVOCAR SOMNOLENCIA O VÉRTIGO. PUEDE SER MORTAL EN CASO DE INGESTIÓN Y DE PENETRACIÓN EN LAS VÍAS RESPIRATORIAS. PROVOCA IRRITACIÓN CUTÁNEA. NOCIVO PARA LOS ORGANISMOS ACUÁTICOS, CON EFECTOS NOCIVOS DURADEROS.

**NET WT. / PESO NETO: 14 OZ (396 g)**

**LONG LIFE CUTTING & TAPPING FLUID PRECAUTIONARY STATEMENT:**

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Avoid release to the environment. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**CONSEJOS DE PRUDENCIA:**

Si se necesita consultar a un médico, tener a la mano el recipiente o la etiqueta del producto. Manténgase fuera del alcance de los niños. Leer la etiqueta antes del uso. No dispersar en el medio ambiente. Evitar respirar polvos / humos / gases / nieblas / vapores / aerosoles. Utilizar sólo al aire libre o en un lugar bien ventilado. Mantener alejado del calor, chispas, llamas al descubierto, superficies calientes y otras fuentes de ignición. No fumar. No vaporizar sobre una llama al descubierto o cualquier otra fuente de ignición. No perforar ni quemar, incluso después de su uso. Lavarse cuidadosamente después de la manipulación. Usar guantes, ropa de protección, y equipo de protección para los ojos y la cara. EN CASO DE INHALACIÓN: Transportar la persona al aire libre y mantenerla en una posición que le facilite la respiración. Llamar un CENTRO DE TOXICOLOGÍA o médico si la persona se encuentra mal. EN CASO DE INGESTIÓN: Llamar inmediatamente a un centro de toxicología o médico. NO provocar el vómito. EN CASO DE CONTACTO CON LA PIEL: Lavar con abundante agua y jabón. En caso de irritación cutánea: consultar a un médico. Quitar la ropa contaminada y lavarla antes de volver a usar. Almacenar en un lugar bien ventilado. Guardar bajo llave. Proteger de la luz solar. No exponer a una temperatura superior a 50°C/122°F. Eliminar el contenido y recipiente de acuerdo con las regulaciones locales, regionales, nacionales e internacionales.

Contains [CAS#]: Chloroalkanes [61788-76-9], Isoparaffinic Petroleum Distillate [64742-47-8], Isobutane [75-28-5].

